

Focus Area 24: Respiratory Diseases

Objective 24-2c calls for reduction in the hospitalization rate for asthma to 10.0 per 10,000 population aged 65 years and over.

Hospital discharge data for 2000 indicates a total of 5,333 discharges among California residents aged 65 and over with a principal diagnosis of asthma; 6,174 discharges were reported in 2001; 6,323 discharges in 2002; and 8,060 discharges in 2003 (Figure 24-2c, Table 24-2c). These translate to age-adjusted rates of 14.7 hospitalizations per 10,000 population aged 65 and over in 2000, 16.5 per 10,000 in 2001, 16.4 per 10,000 in 2002, and 20.3 per 10,000 in 2003. All of these rates are significantly higher than the HP2010 objective, and are increasing away from the target.

Females aged 65 and over had significantly higher asthma hospitalization rates (24.8 per 10,000 in 2003) than males (14.3 per 10,000 in 2003). The HP2010 objective was not being achieved for either gender in this age group, and rates are increasing away from the HP2010 target.

Blacks/African Americans aged 65 and over experienced the highest asthma hospitalization rates (34.0 per 10,000 in 2003), followed by Hispanics/Latinos (30.0 per 10,000 in 2003), Asians/Pacific Islanders (27.8 per 10,000 in 2003), and Whites (15.6 per 10,000 in 2003). The rates for American Indians/Alaska Natives were unreliable due to the small number of events, and are therefore not reported. This HP2010 objective is not being achieved for any racial or ethnic population aged 65 and over in California.

For more information on asthma, visit the California Asthma Public Health Initiative Web site at:

<http://www.dhs.ca.gov/asthma>

For more information on Healthy People 2010 objective 24-2c, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/24Respiratory.htm#_Toc489704825

and

<http://www.healthypeople.gov/Document/html/tracking/od24.htm#asthma>

Figure 24-2c
Asthma Hospitalization Rates
Persons Aged 65 and Over
California, 2000-2003

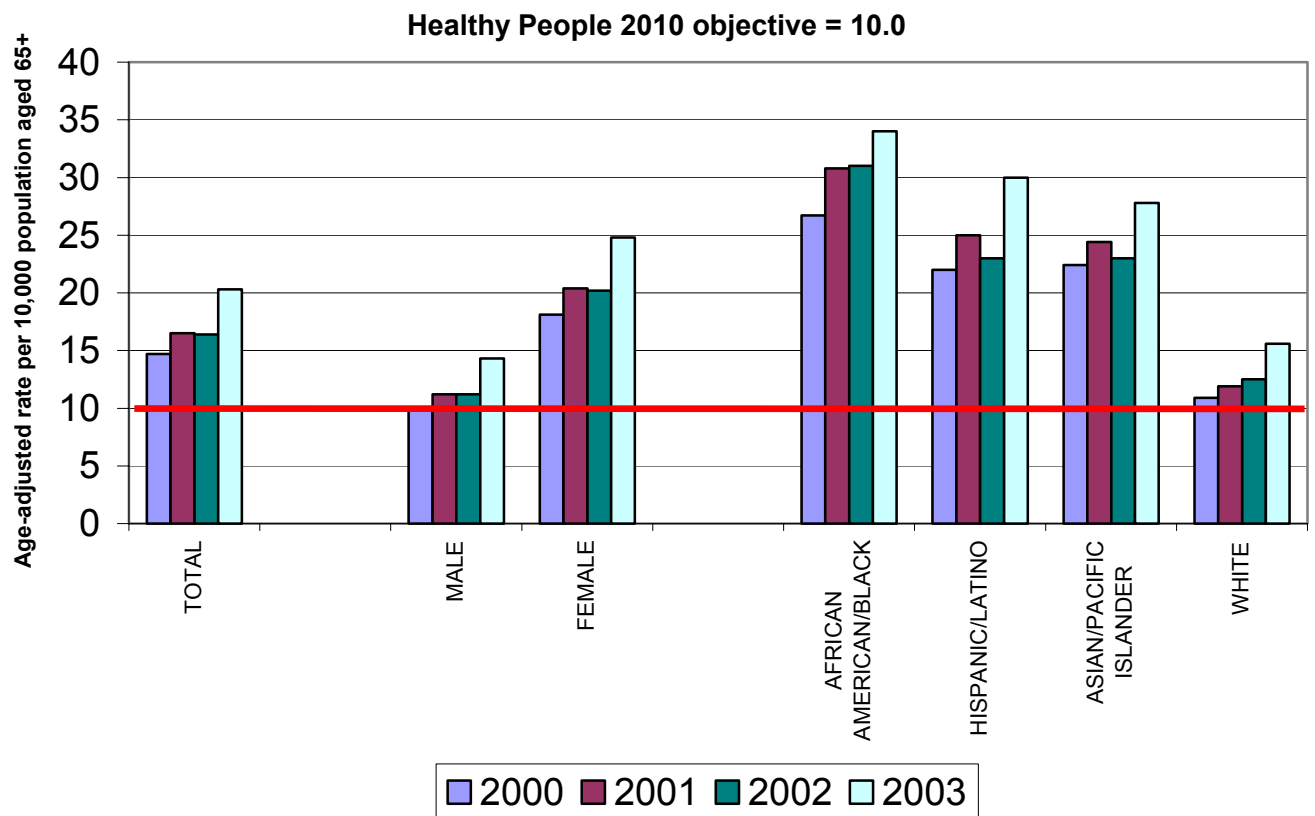


Table 24-2c
Asthma Hospitalization Rates
Among Persons Aged 65 and Over
California, 2000-2003

Asthma Hospitalizations Ages 65+*		2000		2001	
	N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	
Healthy People 2010 Objective 24-2c		10.0			
CALIFORNIA TOTAL	5,333	14.7	14.3	15.1	6,174 16.5 16.1 16.9
Race-Ethnicity					
American Indian/Alaska Native	5	DSU	—	—	17 DSU
Asian/Pacific Islander	793	22.4	20.8	24.0	935 24.4 22.8 26.0
Black/African American	487	26.7	24.4	29.1	594 30.8 28.4 33.3
Hispanic/Latino	1,028	22.0	20.7	23.4	1,260 25.0 23.6 26.4
White	2,806	10.9	10.5	11.3	3,125 11.9 11.5 12.3
Gender					
Female	3,823	18.1	17.6	18.7	4,415 20.4 19.8 21.0
Male	1,510	10.0	9.5	10.5	1,759 11.2 10.6 11.7

Asthma Hospitalizations Ages 65+*		2002		2003	
	N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	
Healthy People 2010 Objective 24-2c		10.0			
CALIFORNIA TOTAL	6,323	16.4	16.0	16.8	8,060 20.3 19.8 20.7
Race-Ethnicity					
American Indian/Alaska Native	5	DSU	—	—	8 DSU
Asian/Pacific Islander	935	23.0	21.5	24.4	1,196 27.8 26.2 29.4
Black/African American	616	31.0	28.6	33.5	697 34.0 31.4 36.5
Hispanic/Latino	1,224	23.0	21.7	24.3	1,684 30.0 28.6 31.5
White	3,326	12.5	12.0	12.9	4,213 15.6 15.1 16.0
Gender					
Female	4,505	20.2	19.6	20.8	5,660 24.8 24.2 25.5
Male	1,818	11.2	10.7	11.7	2,400 14.3 13.7 14.9

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2003;
CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California
and Its Counties 2000-2050, May 2004.

NOTES: * ICD-9-CM code 493 in the Principal Diagnosis field of the discharge record.

¹ Age-adjusted rate per 10,000 population aged 65 years and over.